

**A BEARING FOR A ROTATABLE  
SHAFT SUBJECT TO THERMAL EXPANSION**

**ABSTRACT OF THE DISCLOSURE**

A bearing for rotatably supporting a cylindrical shaft within a frame cylindrical support surface in which the shaft is subject to thermal expansion, the bearing being formed of a tubular member having opposed ends and having an axial passageway therethrough, the outer surface of the bearing member having an external circumferential rib adjacent each of the ends, each rib having an external diameter that permits the bearing member to be slideably positionable in the frame internal cylindrical support surface, the axial passageway being defined by a central bearing surface of internal diameter to rotatably receiving the shaft, the bearing surface having an axial length less than the spacing between said ribs, the bearing being deformable within elastic limits permitting the internal diameter of the bearing surface to expand to accept thermal expansion of the shaft.